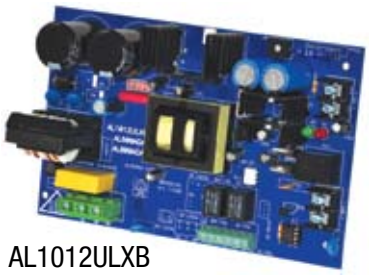
AL1012ULXB
Off-line Switching Power Supply/Charger

Rev. DSAL1012ULXB - 040242012



AL1012ULXB

Overview

AL1012ULXB power supply/charger converts a 115VAC, 60Hz input into a single 12VDC non-power limited output.

Specifications

Input:
- Input 115VAC, 60Hz, 1.9 amp.
- Input fuse rated @ 5 amp/250V.

Output:
- 12VDC output.
- 10 amp continuous supply current.
- Output fuse rated @ 15 amp/32V.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.7 amp.

Supervision:
- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 45 BTU/Hr.
- System AC input VA requirement: 218.5VA.

Mechanical:
- Product weight (approx.): 1.3 lbs. (0.59 kg.).
- Shipping weight (approx.): 1.6 lbs. (0.73 kg.).

Agency Approvals

UL Recognized component for Access Control System Units (UL 294).

Board Dimensions *(L x W x H) (approximate)*:

4.5” (114.3mm) x 7.1” (180.34mm) x 1.75” (44.45mm)